IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Inventor:

Marcel Breeuwer

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Bharadwaj, Kalpana

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Cardiac Perfusion Analysis

Docket No.:

NL020207US (PHB-10-6651)

Customer No.:

24737

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

AMENDMENT

Dear Sir:

In response to the Office Action mailed March 9, 2009 please reconsider the aboveidentified application in view of the amendments and comments herein.

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

CERTIFICATE OF ELECTRONIC TRANSMISSION

I certify that this Amendment is being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).

June 2 2069

Datricia A Hoin